

## Remarks

Applicants respectfully request reconsideration of this application as amended. Claims 1-4, 6, 16, 18-20, 23-26 and 29 have been amended. Claims 26 and 27 have been cancelled. Therefore, claims 1-6, 16-26, 29 and 30 are presented for examination.

Applicants acknowledge the allowance of claims 22-25. Further, applicants acknowledge that claims 3-6, 19-21 and 28-30 would be allowable if amended to include all of the limitations of the base claims.

Claims 1-2, 16-18, and 26-27 stand rejected under 35 U.S.C. §103(a) as being unpatentable over the admitted prior art (APA) [Figure 3] in view of Dwarkadas (U.S. Patent No. 6,684,298). Applicants submit that the above rejection has been obviated by the amendment of claims 1, 16 and 26 to include the allowable limitations indicated in the Office Action.

For example, claims 1, 16 and 26 have been amended to include “a trace cache including a tag array, a data array and a next fetch address (NFA) array wherein the tag array, the data array and NFA array each store one or more fetch address entries and one or more temporal address entries.”

Therefore, applicants respectfully submit that the rejections have been overcome and that the claims are in condition for allowance. Accordingly, applicants respectfully request the rejections be withdrawn and the claims be allowed.

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,

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